

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S5/30 G01S11/14 G01S5/18 G01S5/20 G01S5/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/052821 A1 (HOLT BRIAN) 20 March 2003 (2003-03-20) paragraphs '0032! - '0056!; figure 3	1-4, 10-15
X	US 5 321 668 A (ROUQUETTE ROBERT E) 14 June 1994 (1994-06-14) column 18, line 56 - column 19, line 9; figure 13	1,13-15
X	WO 02/096148 A (GREGO GIORGIO ; TELECOM ITALIA LAB S P A (IT)) 28 November 2002 (2002-11-28) page 13, column 20 - page 14, column 16; figures 1-3	1,13-15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

26 July 2004

Date of mailing of the international search report

02/08/2004

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INTERNATIONAL SEARCH REPORT

Serial Application No.
/IB2004/050465

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 243 322 B1 (ZAKARAUSKAS PIERRE) 5 June 2001 (2001-06-05) column 3, line 1 - column 4, line 50; figures 2-4	1,13-15
A	EP 1 022 583 A (AT & T LAB CAMBRIDGE LTD) 26 July 2000 (2000-07-26) paragraphs '0025! - '0035!; figure 1	6,7

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